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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
.09/775,466	02/05/2001	James Jordan	10175-US	1564

23553 7590 10/07/2004

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EXAMINER

PATEL, ASHOKKUMAR B

ART UNIT PAPER NUMBER

2154

DATE MAILED: 10/07/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/775,466

Applicant(s)

JORDAN, JAMES

Examiner

Ashok B. Patel

Art Unit

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 29 July 2004.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-18 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-18 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

1. Application Number 09/775, 466 was filed on 02/05/2001. Claims 1-18 are subject to examination.

Claim Objections

2. Claims 1 and 10 are objected as claims 1 and 10 now indicate the word "remote" as "remote" in line 1, which is not an amendment (addition) to the previously presented claims 1 and 10. Applicant is reminded of the proper format of amendments, additions must be underlined in accordance with MPEP § 714(II) (C) (B).

3. Examiner acknowledges the explanation on the invention stating "client sends a request to the remote server, which acts upon the request to retrieve the data from the website over the high bandwidth link and then compress it on-the-fly before sending it over the low bandwidth link to the client in accordance with compression parameters that are specified by the user in the original request for the specific data in question. In this way the user can access remote media rich websites to obtain data at a rate and quality commensurate with the low bandwidth link and the specific needs of the user in respect of the data requested. The concept of providing an intermediate server that retrieves data from a remote web server in accordance with a customer request. and then compresses this in a manner determined by the user for transmission over the low bandwidth link is believed to be novel and represents an important practical advance in the art for situations where users are committed to low bandwidth links. The remote server of the invention adds an extra functional layer to the prior art."

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-18 are rejected under 35 U.S.C. 102(e) as being anticipated by Tso et al. (hereinafter Tso) (US 6,421, 733).

Referring to claim 1,

The reference teaches a method of transferring data from a remote server to a local client, said remote server being connected to a high speed-backbone network (Fig.1, link "16", col. 2, lines 56 thru col.3, line 7, Here the reference implies that the remote server is being connected to the network with the characteristics same as that of its connection to the network client 12., col.7, lines 33-41) and being connected to said local client over a low band-width communications link (Fig.1, link "14", col. 2, lines 56 thru col.3, line 7), comprising: .

sending a data request from the local client to said remote server for specific data, said data-request including user-selectable compression parameters for said specific data (col.9, lines 49-65, Note: The reference teaches that the each specific object embedded in the web page is separately requested (say, sub-set requests, as

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portions of the request, the super-set request, for better understanding of what the reference insists), col.7, lines 15-29);

receiving said request for specific data at said remote server, said remote server retrieving said specific data over said high speed backbone network from a data source; providing an agent at the remote server to intercept said retrieved data and compress at least part of said received data prior to transmission in accordance with said specified-compression parameters contained in-said data request; transmitting said retrieved data in compressed form in accordance with said specified compression parameters over said low bandwidth communications link to local client (col.10, lines 16-49) ; and

decompressing said compressed data at said local client to restore said retrieved data to an uncompressed intelligible form (col.12, lines 17-33).

Referring to claim 2,

The reference teaches the method as claimed in claim 1, wherein said agent compresses image portions of said data (col. 10, lines 37-49).

Referring to claims 3 and 4,

The reference teaches a method claimed in claim 2. wherein said image portions are compressed using a lossy compression algorithm , and wherein said lossy compression algorithm comprises a discrete wavelet transform. (col.8, lines 22-40, col.10, lines 37-49, The reference teaches the transcoding of JPEG images, wherein it is known that compression algorithms such as JPEG are suitable for compressing photo regions of the compound color documents, but they are not suitable for compressing black and

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white text regions of the compound color documents. These lossy compression algorithms are based on linear transforms (e.g., discrete cosine transform, discrete wavelet transform) and do not compress edges efficiently. They require too many bits, and may produce very objectionable artifacts around text.).

Referring to claim 5,

The reference teaches a method as claimed in claim 2, wherein said images are compressed using a lossless compression algorithm (col.2, lines 62-65, col.7, lines 15-29).

Referring to claims 6, 7, 8 and 9,

The reference teaches method as claimed in claim 1, wherein said local client sends at least one further request for all or part said specific data at a reduced compression ratio. , and wherein said local client sends a request for an identified portion of said data at a reduced compression ratio., and wherein said specific data comprises a web page stored on a web server., and wherein said identified portion comprises a portion of an image forming part of said web page. (col.9, lines 49-65, Note: The reference teaches that the each specific object embedded in the web page is separately requested (say, sub-set requests, as portions of the request, the super -set request, for better understanding of what the reference insists), col.7, lines 15-29, col.7, lines 43-54).

Referring to claim 10,

Claim 10 is a claim to the remote server that carries out the method steps of claim 1. Therefore claim 10 is rejected for the reasons set forth for claim 1.

Referring to claim 11,

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Claim 11 is a claim to the remote server that carries out the method steps of claim 2.

Therefore claim 11 is rejected for the reasons set forth for claim 2.

Referring to claims 12 and 13,

Claims 12 and 13 is a claim to the remote server that carries out the method steps of claims 3 and 4. Therefore claims 12 and 13 is rejected for the reasons set forth for claims 3 and 4.

Referring to claim 14,

Claim 14 is a claim to the remote server that carries out the method steps of claim 5.

Therefore claim 14 is rejected for the reasons set forth for claim 5.

Referring to claims 15, 16 and 17,

Claims 15, 16 and 17 are claims to the remote server that carries out the method steps of claims 6,7 and 8. Therefore claims 15, 16 and 17 are rejected for the reasons set forth for claims 6, 7, 8 and 9.

Referring to claim 18,

The reference teaches a method as claimed in claim 1, wherein said data request us made through a web browser. (Fig. 4).

Conclusion

6. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

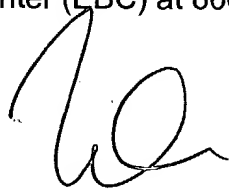
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A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ashok B. Patel whose telephone number is (703) 305-2655. The examiner can normally be reached on 8:00am-5:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, John A Follansbee can be reached on (703) 305-8498. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



JOHN FOLLANSBEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100